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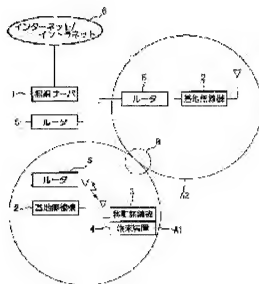
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## (54) RADIO SERVER, BASE RADIO MACHINE, MOBILE RADIO MACHINE AND RECORDING MEDIUM RECORDING COMMUNICATION PROGRAM

### (57)Abstract:

**PROBLEM TO BE SOLVED:** To provide a radio communication system wherein the reliability of communication is enhanced when terminal equipment is connected to the Internet via a radio channel.

**SOLUTION:** The radio server of the radio communication system is provided with a radio server connected to the Internet, a base radio transceiver and a mobile radio transceiver and a mobile radio transceiver, which conduct communication by a radio communication channel and terminal equipment connected to the mobile radio transceiver, and terminal equipment is connected to the Internet by conducting communication with the mobile radio transceiver. The radio server is also provided with a processing part specifying at least one base radio transceiver through which packet data



passes at the time of transmission and deciding the size of a transmitted packet, a data division part dividing transmission data so that it becomes a decided packet size, and a base station side data transmission part transmitting packet data to the specified base radio transceiver.